



FACILITY COMPLIANCE AUDIT REPORT

Division of Waste Management

Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: Alamance
Closed MSWLF		HHW		White goods		Incineration	X	T&P		FIRM		PERMIT NO.: 01-02
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		FILE TYPE: COMPLIANCE

Date of Audit: 01/22/09

Date of Last Audit: 10/24/08

FACILITY NAME AND ADDRESS:

Stericycle, Inc.
1168 Porter Avenue
Haw River, North Carolina 27258

GPS COORDINATES: N: 36.06564 E: 79.34915

FACILITY CONTACT NAME AND PHONE NUMBER:

J.W. Hill, Area Manager-Environmental, Safety & Health
336-578-8900 ext.23
email address: jhill@stericycle.com

FACILITY CONTACT ADDRESS:

SAME

AUDIT PARTICIPANTS:

J.W. Hill, Stericycle, Inc.
Chris Marriott, NCDENR-SWS

STATUS OF PERMIT:

Original Permit Issued: January 31, 1991
Permit Modification Issued: January 9, 1998
Permit Renewal (Name change & Revised Operation Plan): September 15, 2003
Permit Review Date: September 15, 2008

PURPOSE OF AUDIT:

Comprehensive Audit

NOTICE OF VIOLATION(S):

None

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. For the violation(s) noted here, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

STATUS OF PAST NOTED VIOLATIONS:

None

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AREAS OF CONCERN AND COMMENTS:

- 1) The facility is a medical waste treatment operation consisting of two incinerators.
- 2) The site typically operates 24 hours per day in 2-12 hour shifts, 7 days per week. Exceptions to this schedule are for scheduled maintenance and repair down time.
- 3) The facility accepts non-hazardous waste consisting of regulated medical waste, unregulated medical waste, controlled substances seized by law enforcement, chemotherapeutic waste, health care industry documents, USDA-APHIS international waste, and pharmaceuticals.
- 4) There is no defined service area for the facility in the Solid Waste Permit. The facility typically receives waste from all 100 North Carolina counties and approximately 15-20 additional states.
- 5) Permit review date was September 15, 2008. A request for review was made by Stericycle, Inc. on October 27, 2008.
- 6) The Title V air permit has expired. A renewal application was submitted on August 31, 2006 as required with the Division of Air Quality schedule for permit renewals.
- 7) Reviewed training logs for facility employees. The logs reviewed consisted of: refresher training for Title V permit, machine guarding, lockout/tagout, and bloodborne pathogens.
- 8) At the time of inspection both incinerator #1 and incinerator #2 were in operation.
- 9) A review of facility operating records the month of December 2008. The data recorder charts indicated that temperatures exceeded the minimum of 1200 degrees F. for the primary chamber, and 1800 degrees F. in the secondary chamber during operations. According to the charts both units were shut down on December 25, 2008, and unit 2 was shut down for a portion of the day on December 7th and 14th. A check of the readouts during the visit indicated temperatures above the minimum operating temperatures.
- 10) According to the December 2008 monthly summary log, the facility processed a total of 2,159,726.6 pounds of waste during the month.
- 11) Ash generated by the incinerator is processed through a water squelch, then transferred to a 20 yard container, dewatered, and shipped to Upper Piedmont Landfill in Rougemont, NC.
- 12) The most recent ash sampling event was completed on December 16, 2008. The results of the sampling do not indicate any hazardous levels of the parameters analyzed. The next ash sampling event is scheduled for March 2009.
- 13) Conducted a review of equipment calibration logs. Instruments were calibrated on the 6th, 9th and 10th of January 2009. The January 2009 calibrations served as the quarterly calibration check and the annual full scale calibration event.
- 14) There is no storage of medical waste inside the building. All waste is processed directly from incoming refrigerated trailers.
- 15) All wastewater generated inside the facility is collected via floor drains and processed on-site through a pre-treatment facility prior to discharge to the City of Graham WWTP.

Please contact me if you have any questions or concerns regarding this audit report.



Chris Marriott
Environmental Senior Specialist
Regional Representative

Phone: 336-771-5090

Delivered on : <u>January 30, 2009</u> by		Hand delivery	X	email		Certified No. []
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cc: Mark Poindexter, Field Operations Branch Supervisor
Jason Watkins, Central District Supervisor